

ABSTRACT

An engine is connected to front wheels via a primary motor, a clutch and a transmission, and a secondary motor is connected to rear wheels. A vehicle is driven by the secondary motor while performing a combustion suspended idle operating condition in which the engine which has been brought to a combustion suspended condition is run idly by the primary motor according to driving conditions of the vehicle. The necessity for idling the engine is obviated so as to reduce the fuel consumption. Further, the engine can also be started up in quick and secured fashions by resuming the control of fuel supply and injection to the engine which is being run idly with its combustion being suspended and driving the primary motor while reducing the consumed power to a minimum level by reducing the load of the primary motor which runs the engine idly with its combustion being suspended.